INTERNATIONALE ANMELDUNG VERÖFFENTLICHT NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCI)

(51) Internationale Patentklassifikation 6:

C07C 233/73, 217/58, 271/44, 271/58, 259/06, 271/12, 271/28, 255/13, 235/56, 235/38, 233/75, 59/68, 59/90, A61K 31/165, 31/19

(11) Internationale Veröffentlichungsnummer: WO 95/05358

A1 (43) Internationales

Veröffentlichungsdatum:

23. Februar 1995 (23.02.95)

(21) Internationales Aktenzeichen:

PCT/EP94/02709

(22) Internationales Anmeldedatum: 13. August 1994 (13.08.94)

(81) Bestimmungsstaaten: AU, BG, BR, CA, CN, CZ, FI, HU, JP, KR, KZ, NO, NZ, PL, RO, RU, SI, SK, UA, US, europäisches Patent (AT, BE, CH, DE, DK, ES, FR, GB,

GR, IE, IT, LU, MC, NL, PT, SE).

(30) Prioritätsdaten:

P 43 27 365.3

14. August 1993 (14.08.93)

DE

(71) Anmelder (für alle Bestimmungsstaaten ausser US): BOEHRINGER MANNHEIM GMBH [DE/DE]; D-68298 Mannheim (DE).

(72) Erfinder: und

(75) Erfinder/Anmelder (nur für US): WITTE, Ernst-Christian [DE/DE]; Beethovenstrasse 2, D-68165 Mannheim (DE). STEGMEIER, Karlheinz [DE/DE]; Kirchbergstrasse 17, D-64646 Heppenheim (DE). DOERGE, Liesel [DE/DE]; Am Schelmenbuckel 50, D-68259 Mannheim (DE).

(74) Anwälte: WEBER, Manfred usw.; Boehringer Mannheim GmbH, D-68298 Mannheim (DE).

Veröffentlicht

Mit internationalem Recherchenbericht.

Vor Ablauf der für Änderungen der Ansprüche zugelassenen Frist. Veröffentlichung wird wiederholt falls Änderungen eintreffen.

(54) Title: USE OF PHENOLS AND PHENOL DERIVATES AS MEDICAMENTS WITH FIBRINGGEN-REDUCING EFFECT

(54) Bezeichnung: VERWENDUNG VON PHENOLEN UND PHENOLDERIVATEN ALS ARZNEIMITTEL MIT FIBRINOGENSENK-ENDER WIRKUNG

(57) Abstract

Phenols and phenol derivatives having the general structural formula (I) are used to produce medicaments with fibrinogen-reducing effect. Also disclosed are new phenols and phenol derivatives, a process for producing the same and medicaments containing these compounds. In the formula, R stands for hydrogen or one to three substituents

selected independently from each other from the halogen, C1-C4-alkyl, C1-C4-alkoxy, hydroxy, cyano oder trifluoromethyl series; B stands for a saturated or unsaturated alkylene chain with up to 6 C atoms substituted or not by one or two methyl groups in any desired position. One of the saturated C atoms may be substituted by an oxygen atom or by one of the groups >NH, >C=O oder >CH-OH, and two adjacent saturated C atoms may also be substituted together by a group -CONH- or -NHCO-. X is in a meta- or para-position in relation to B and stands for the following groups: a hydroxy group or a C1-C4-alkylurethane or substituted or non-substituted phenylurethane group derived from the hydroxy group; an unbranched or a C1-C6-alkyloxy, omega-hydroxy-C2-C6-alkyloxy, omega-halogen-C2-C6-alkyloxy or omega-cyano-C₁-C₆-alkyloxy group substituted by one or two methyl groups in any desired position; a C₁-C₄-alkyl urethane, a substituted or non-substituted phenyl urethane, phosphoric acid ester, aliphatic carboxylic acid ester grouping or a possibly substituted benzoic acid ester grouping derived from the omega-hydroxy-C2-C6-alkoxy group; an aminocarbonyl-C1-C6-alkoxy or a N-hydroxy-aminocarbonyl-C1-C6-alkoxy group; carboxymethoxy, 1-carboxy-ethoxy, 1-carboxy-propyloxy or 3-carboxy-propyloxy; the residue -O-C-(CH3)2-CH2-O-CO-(CH₂)₂-COOH; the possibly substituted benzoyloxy residue.